



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

OKOMORI et al.

Atty. Ref.: 159-87; Confirmation No. 3539

Appl. No. 10/527,328

TC/A.U. 1794

Filed: September 22, 2005

Examiner: Shewareged

For: ROTOGRAVURE COATED PAPERS

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August 7, 2009

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

RESPONSE

This responds to the Official Action dated May 11, 2009. Claims 6 and 8 are pending in the application and are the subject of three separate prior art-based rejections; items 3, 11 and 19 of the Official Action.

(1) The Present Invention

Applicants' claims are directed to a process of preparing a coated paper having a low density, a high sheet gloss, a high print gloss, a good suitability for gravure printing and an excellent coating runability. These and other important properties can be achieved when the coating layer contains an inorganic pigment in which 65% or more of particles are in the particle diameter range of from 0.4 to 4.2 μm combined with a hollow sphere (organic) synthetic pigment having a mean particle diameter of from 0.1 to 0.6 μm .

The present invention is characterized by the combined use of inorganic pigment having specific particle size distribution and hollow sphere (organic) synthetic pigment having specific particle diameter. If either the inorganic pigment or the hollow sphere synthetic pigment is separately added to a coating color, the coating runability will become poor. One skilled in the